



Purpose:

A Geo-Textile specimen is placed in a sieve frame, and sized glass beads are placed on the Geo-Textile surface. The Geo-Textile and frame are shaken laterally so that the jarring motion will induce the beads to pass through the test specimen. The procedure is repeated on the same specimen with various size glass beads until its apparent opening size has been determined.

Details of complete Set-Up:

The complete test set up essentially requires Ro-Tap Sieve Shaker, Fine sieves of 200mm diameter, Clamping arrangement, Spherical Glass beads and Electronic Balance. Here we supply only Rotap Sieve shaker. Fine Sieves, Clamping arrangement, Glass beads and Electronic Balance are supplied at extra cost.

Ro-Tap Sieve Shaker:

To make process of sieving simpler and quicker, Rotap sieve shaker is useful. This produces circular shaking of the sieves. At the same time the sieves are tapped simultaneously. Produces Circular (280-300 RPM approx) and tapping (140-160 RPM approx) motion with a uniform mechanical action which ensures accurate and dependable test results.

Construction details:

- Robust & Heavy design
- Doesn't require special foundation
- Shaking in both the direction
- Tapping action from the top
- The mechanism for imparting circular action and tapping is permanently lubricated in a tank and is motorized.
- The shaker can accommodate up to 7 Nos Sieves of diameter 200mm (7 nos sieves + 1 set of Lid-Pan).
- Fitted with Digital time switch adjustable from 1-99 minutes.
- Suitable for operation on 230 volts, 50 Hz, single phase, AC Supply

Physical data of the machine:

- Height : 960 mm approximately
- Length : 485 mm approximately
- Width : 610 mm approximately
- Unpacked weight : 151 kg approximately

Note: Specifications are subject to change.





Order Code - 30342
Apparent Opening Size Apparatus-
(Dry Sieve Test Apparatus)-(ASTM D4751, Bs 6906,
IS 14294) - Without Sieves, Rubber Gasket And Glass Beads

Technical specification

- Structure : Fully made of Cast Iron
- Sieving action : Right to left and left to right shaking with tapping from top
- Shaking per Minute : 140-160
- Tapping per Minute : 280-300
- Timer : Digital - Presettable
- Timer Range : 0-99 Minutes
- Power Supply : 230 Volts, 50 Hz, Single Phase, AC Supply

Note: Specifications are subject to change.

